

ABSTRACT OF THE DISCLOSURE

A refrigerant go-around passage is provided in a housing of a compressor. The passage takes in refrigerant discharged from a compression mechanism into the housing, makes the refrigerant go around an axial line of the compressor and finally returns the refrigerant to the discharge-port side of the housing while separating liquid contained in the refrigerant from the refrigerant by centrifugation or by centrifugation and collision. In the mid portion of the refrigerant go-around passage, a liquid returning port is provided for returning the separated liquid to the housing in such a manner that the liquid returning port has an orientation that has a component in a direction of gravity and that is deviated from a traveling direction of the refrigerant.